

0590
0927

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/029,020

DATE: 10/01/2002 P, b
TIME: 15:38:55

Input Set : A:\Cura2251.app
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3 <110> APPLICANT: Gangolli et al.
5 <120> TITLE OF INVENTION: Polypeptides and Nucleic Acids Encoding Same
7 <130> FILE REFERENCE: 21402-225
9 <140> CURRENT APPLICATION NUMBER: 10/029,020
10 <141> CURRENT FILING DATE: 2001-12-19
12 <150> PRIOR APPLICATION NUMBER: 60/256,704
13 <151> PRIOR FILING DATE: 2000-12-19
15 <150> PRIOR APPLICATION NUMBER: 60/311,590
16 <151> PRIOR FILING DATE: 2001-08-10
18 <150> PRIOR APPLICATION NUMBER: 60/257,314
19 <151> PRIOR FILING DATE: 2000-12-20
21 <150> PRIOR APPLICATION NUMBER: 60/311,613
22 <151> PRIOR FILING DATE: 2001-08-10
24 <150> PRIOR APPLICATION NUMBER: 60/315,617
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27 <150> PRIOR APPLICATION NUMBER: 60/307,506
28 <151> PRIOR FILING DATE: 2001-07-24
30 <150> PRIOR APPLICATION NUMBER: 60/322,358
31 <151> PRIOR FILING DATE: 2001-09-14
33 <150> PRIOR APPLICATION NUMBER: 60/294,075
34 <151> PRIOR FILING DATE: 2001-05-29
36 <150> PRIOR APPLICATION NUMBER: 60/288,153
37 <151> PRIOR FILING DATE: 2001-05-02
39 <160> NUMBER OF SEQ ID NOS: 190
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45 <212> TYPE: DNA
46 <213> ORGANISM: Homo sapiens
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105 <211> LENGTH: 965
106 <212> TYPE: PRT
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113 Gly Thr Arg Gly Arg Leu Ala Gly Gly Ser Gly Leu Pro Gly Ser Val
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120      50          55          60
122 Tyr Lys Gly Glu Gly Lys Gln Cys Glu Asp Ile Asp Glu Cys Glu Asn
123      65          70          75          80
125 Asp Tyr Tyr Asn Gly Gly Cys Val His Glu Cys Ile Asn Ile Pro Gly
126      85          90          95
128 Asn Tyr Arg Cys Thr Cys Phe Asp Gly Phe Met Leu Ala His Asp Gly
129      100         105         110
131 His Asn Cys Leu Asp Val Asp Glu Cys Gln Asp Asn Asn Gly Gly Cys
132      115         120         125
134 Gln Gln Ile Cys Val Asn Ala Met Gly Ser Tyr Glu Cys Gln Cys His
135      130         135         140
137 Ser Gly Phe Leu Leu Ser Asp Asn Gln His Thr Cys Ile His Arg Ser
138 145      150         155         160
140 Asn Glu Gly Met Asn Cys Met Asn Lys Asp His Gly Cys Ala His Ile
141      165         170         175
143 Cys Arg Glu Thr Pro Lys Gly Gly Val Ala Cys Asp Cys Arg Pro Gly
144      180         185         190
146 Phe Asp Leu Ala Gln Asn Gln Lys Asp Cys Thr Leu Thr Cys Asn Tyr
147      195         200         205
149 Gly Asn Gly Gly Cys Gln His Ser Cys Glu Asp Thr Asp Thr Gly Pro
150 210      215         220
152 Thr Cys Gly Cys His Gln Lys Tyr Ala Leu His Ser Asp Gly Arg Thr
153 225      230         235         240
155 Cys Ile Glu Thr Cys Ala Val Asn Asn Gly Gly Cys Asp Arg Thr Cys
156      245         250         255
158 Lys Asp Thr Ala Thr Gly Val Arg Cys Ser Cys Pro Val Gly Phe Thr
159      260         265         270
161 Leu Gln Pro Asp Gly Lys Thr Cys Lys Asp Ile Asn Glu Cys Leu Val
162      275         280         285
164 Asn Asn Gly Gly Cys Asp His Phe Cys Arg Asn Thr Val Gly Ser Phe
165 290      295         300
167 Glu Cys Gly Cys Arg Lys Gly Tyr Lys Leu Leu Thr Asp Glu Arg Thr
168 305      310         315         320
170 Cys Gln Asp Ile Asp Glu Cys Ser Phe Glu Arg Thr Cys Asp His Ile
171      325         330         335
173 Cys Ile Asn Ser Pro Gly Ser Phe Gln Cys Leu Cys His Arg Gly Tyr
174      340         345         350
176 Ile Leu Tyr Gly Thr Thr His Cys Gly Asp Val Asp Glu Cys Ser Met
177      355         360         365
179 Ser Asn Gly Ser Cys Asp Gln Gly Cys Val Asn Thr Lys Gly Ser Tyr
180      370         375         380
182 Glu Cys Val Cys Pro Pro Gly Arg Arg Leu His Trp Asn Gly Lys Asp
183 385      390         395         400
185 Cys Val Glu Thr Gly Lys Cys Leu Ser Arg Ala Lys Thr Ser Pro Arg
186      405         410         415
188 Ala Gln Leu Ser Cys Ser Lys Ala Gly Gly Val Glu Ser Cys Phe Leu

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RAW SEQUENCE LISTING
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192	435	440	445
194	Tyr Val Leu Ser Cys Gly Val Pro Gly Pro Gln Gly Lys Ala Leu Gln		
195	450	455	460
197	Lys Arg Asn Gly Thr Ser Ser Gly Leu Gly Pro Ser Cys Ser Asp Ala		
198	465	470	475
200	480		
200	Pro Thr Thr Pro Ile Lys Gln Lys Ala Arg Phe Lys Ile Arg Asp Ala		
201	485	490	495
203	Lys Cys His Leu Arg Pro His Ser Gln Ala Arg Ala Lys Glu Thr Ala		
204	500	505	510
206	Arg Gln Pro Leu Leu Asp His Cys His Val Thr Phe Val Thr Leu Lys		
207	515	520	525
209	Cys Asp Ser Ser Lys Lys Arg Arg Arg Gly Arg Lys Ser Pro Ser Lys		
210	530	535	540
212	Glu Val Ser His Ile Thr Ala Glu Phe Glu Ile Glu Thr Lys Met Glu		
213	545	550	555
215	560		
215	Glu Ala Ser Gly Thr Cys Glu Ala Asp Cys Leu Arg Lys Arg Ala Glu		
216	565	570	575
218	Gln Ser Leu Gln Ala Ala Ile Lys Thr Leu Arg Lys Ser Ile Gly Arg		
219	580	585	590
221	Gln Gln Phe Tyr Val Gln Val Ser Gly Thr Glu Tyr Glu Val Ala Gln		
222	595	600	605
224	620		
224	Arg Pro Ala Lys Ala Leu Glu Gly Gln Gly Ala Cys Gly Ala Gly Gln		
225	610	615	620
227	625		
227	Val Leu Gln Asp Ser Lys Cys Val Ala Cys Gly Pro Gly Thr His Phe		
228	630	635	640
230	640		
230	Gly Gly Glu Leu Gly Gln Cys Val Ser Cys Met Pro Gly Thr Tyr Gln		
231	645	650	655
233	660		
233	Asp Met Glu Gly Gln Leu Ser Cys Thr Pro Cys Pro Ser Ser Asp Gly		
234	665	670	
236	670		
236	Leu Gly Leu Pro Gly Ala Arg Asn Val Ser Glu Cys Gly Gly Gln Cys		
237	675	680	685
239	690		
239	Ser Pro Gly Phe Phe Ser Ala Asp Gly Phe Lys Pro Cys Gln Ala Cys		
240	695	700	
242	705		
242	Pro Val Gly Thr Tyr Gln Pro Glu Pro Gly Arg Thr Gly Cys Phe Pro		
243	710	715	720
245	725		
245	Cys Gly Gly Leu Leu Thr Lys His Glu Gly Thr Thr Ser Phe Gln		
246	730	735	
248	740		
248	Asp Cys Glu Ala Lys Val His Cys Ser Pro Gly His His Tyr Asn Thr		
249	745	750	
251	755		
251	Thr Thr His Arg Cys Ile Arg Cys Pro Val Gly Thr Tyr Gln Pro Glu		
252	760	765	
254	770		
254	Phe Gly Gln Asn His Cys Ile Thr Cys Pro Gly Asn Thr Ser Thr Asp		
255	775	780	
257	785		
257	Phe Asp Gly Ser Thr Asn Val Thr His Cys Lys Ser Gln His Cys Gly		
258	790	795	800
260	805		
261	Gly Glu Leu Gly Asp Tyr Thr Gly Tyr Ile Glu Ser Pro Asn Tyr Pro		
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/029,020

DATE: 10/01/2002

TIME: 15:38:55

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263 Gly Asp Tyr Pro Ala Asn Ala Glu Cys Val Trp His Ile Ala Pro Pro
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266 Pro Lys Arg Arg Ile Leu Ile Val Val Pro Glu Ile Phe Leu Pro Ile
267     835          840          845
269 Glu Asp Glu Cys Gly Asp Val Leu Val Met Arg Lys Ser Ala Ser Pro
270     850          855          860
272 Thr Ser Ile Thr Thr Tyr Glu Thr Cys Gln Thr Tyr Glu Arg Pro Ile
273 865          870          875          880
275 Ala Phe Thr Ser Arg Ser Arg Lys Leu Trp Ile Gln Phe Lys Ser Asn
276     885          890          895
278 Glu Gly Asn Ser Gly Lys Gly Phe Gln Val Pro Tyr Val Thr Tyr Asp
279     900          905          910
281 Gly Lys Ile His Cys Leu His Gly Pro Leu Cys Thr Ala Gln Ala Gly
282     915          920          925
284 Pro Trp Arg His Arg Asp Glu Ser His Val Pro Ala Leu Arg Glu Leu
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287 Arg Pro Gly Arg Tyr Arg Pro Gly Ser Arg Thr Asn Thr Val Arg Gly
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295 <211> LENGTH: 874
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302 ttagtagat gctgtcagtg gcccacccac acctccaggc otaccaggac gaggcgccgc 180
303 gggcctgagc gggaaagaacg gtttccctgg cgacggatcc tctgttatgc gctcgccctt 240
304 ctcggcgca cgcaccaccc ccctggaggg cacgtcggag atggcggtga ctttagacaa 300
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307 taagctgatg aagaaccgcg acgagggtgca ggccatgatt tacgacgcacg gcgcgtcg 480
308 gcgccgcgag atgcagagcc agagcgtgtat gctgcccctg cggcgccggcg acgcccgtctg 540
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311 ctcggagcta ctgtgagccc cggggccagag aagagcccgg gagggccagg ggcgtgcattg 720
312 ccaggccggg cccgaggctc gaaagtcccg cgcgagcgcc acggcctcgg ggcgcgcctg 780
313 gactctgcca ataaaagcgaa aagcgggcac ggcgacgcgc cggcagccca ggactaagcc 840
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320 <213> ORGANISM: Homo sapiens
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326 Cys Ser Leu Asp Pro Glu Asp Glu Ala Leu Arg Arg Ser Gln Met Arg
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/01/2002
PATENT APPLICATION: US/10/029,020 TIME: 15:38:56

Input Set : A:\Cura2251.app
Output Set: N:\CRF4\10012002\J029020.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:56; Xaa Pos. 333
Seq#:57; Xaa Pos. 333

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/029,020

DATE: 10/01/2002
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Input Set : A:\Cura2251.app
Output Set: N:\CRF4\10012002\J029020.raw

L:6747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:320
L:6853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:320